

Converting Colors

$Yxy(79.2955, 0.2790, 0.3308)$

Have a look what the booklet for
Yxy(79.2955, 0.2790, 0.3308)
contains.

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Color

Yxy(79.3329, 0.2788, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	B8F1EF
RGB	184, 241, 239
RGB Percent	72%, 95%, 94%
CMY	0.2785, 0.0549, 0.0627
CMYK	0.24, 0.00, 0.01, 0.05
HSL	178°, 67%, 83%
HSV	178°, 24%, 95%
XYZ	66.8016, 79.3329, 93.4695
YIQ	223.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

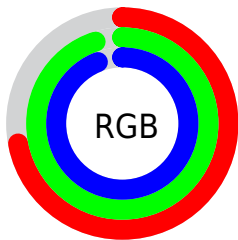
Format	Color
RYB	184, 213, 241
Decimal	12120559
CIELab	91.38, -18.32, -4.93
CIElCh	91, 18.969, 195.072
Yxy	79.3329, 0.2788, 0.3311
Android (android.graphics.Color)	4290310639 (0xFFB8F1EF)
YUV	223.7290, 7.5286, -34.8423
Hunter-Lab	89.0690, -21.9961, 0.1290

Details

The Yxy color **79.3329, 0.2788, 0.3311** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.5201, 0.3603, 0.3270**, and the grayscale version is **74.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **42.7839, 0.2710, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **76.5599, 0.2663, 0.3321**, and if you desaturate by 10%, it is **82.6196, 0.2925, 0.3302**.

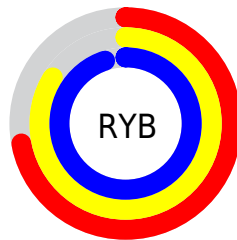
Distribution



Red (72%)

Green (95%)

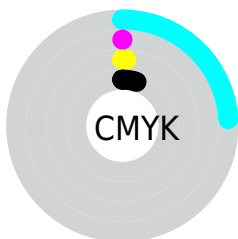
Blue (94%)



Red (72%)

Yellow (84%)

Blue (95%)

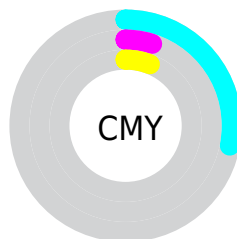


Cyan (24%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (28%)


Magenta (5%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3329, 0.2788, 0.3311 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 79.3329, 0.2788, 0.3311 by changing the saturation by 10% instead.

 79.3329, 0.2788,
0.3311

 79.3329, 0.2788,
0.3311

492.6818, 0.2941,
0.3303

 59.1696, 0.2754,
0.3312


 132.4274, 0.2840,
0.3309

 42.7496, 0.2712,
0.3314


166.1274, 0.2861,
0.3308

 29.6887, 0.2660,
0.3315


205.1083, 0.2879,
0.3307

 19.6024, 0.2593,
0.3316

249.7547, 0.2895,
0.3306

 12.1064, 0.2503,
0.3317

300.4508, 0.2908,
0.3305

 6.8162, 0.2378,
0.3317


357.5811, 0.2920,


 3.3474, 0.2191,

0.3305


421.5300, 0.2931,
0.3304


0.3311


 1.3157, 0.1879,
0.3292


 0.1533, 0.0000,
0.2305


 79.3329, 0.2788,
0.3311

 79.3329, 0.2788,
0.3311


 76.5599, 0.2663,
0.3321


 82.6196, 0.2925,
0.3302


 74.2651, 0.2553,
0.3332


 86.4342, 0.3072,
0.3293


 72.4240, 0.2461,
0.3343


 90.5575, 0.3216,
0.3285


 71.0056, 0.2387,
0.3354


 90.6079, 0.3211,
0.3277


 69.9754, 0.2333,
0.3366


 90.6585, 0.3206,
0.3269


 69.2932, 0.2298,
0.3377


 90.7093, 0.3200,
0.3261

 68.9103, 0.2281,
0.3389

 90.7604, 0.3195,
0.3253

 68.7760, 0.2277,
0.3396

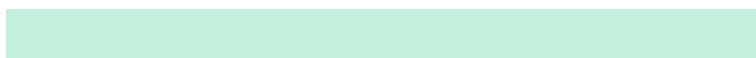
 90.8117, 0.3190,
0.3244

 90.8632, 0.3185,
0.3236

Harmonies

Analogous

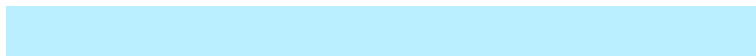
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3329, 0.2958, 0.3513



79.3329, 0.2788, 0.3311



79.3329, 0.2708, 0.3112

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3329, 0.2788, 0.3311



79.3329, 0.3066, 0.2960



79.3329, 0.3532, 0.3601

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.3329, 0.2788, 0.3311



56.5201, 0.3603, 0.3270

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3329, 0.3565, 0.3443



79.3329, 0.2788, 0.3311



79.3329, 0.3291, 0.3081

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3329, 0.2788, 0.3311



79.3329, 0.2864, 0.2919



79.3329, 0.3476, 0.3255



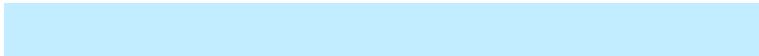
79.3329, 0.3388, 0.3681

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3329, 0.2788, 0.3311



79.3329, 0.2714, 0.3009



79.3329, 0.3476, 0.3255



79.3329, 0.3557, 0.3555

Sweetspot

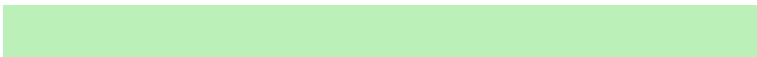
The Sweet Spot groups the original color and five complimentary colors.



79.3361, 0.2788, 0.3311



96.7304, 0.3022, 0.3296



76.9185, 0.3114, 0.3955



20.6470, 0.3013, 0.3296



0.0000, 0.0000, 0.0000



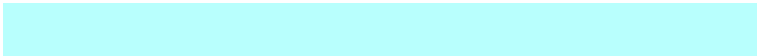
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3361, 0.2788, 0.3311



88.7221, 0.2731, 0.3315



65.3172, 0.2753, 0.2996



17.9189, 0.2986, 0.3298



37.2978, 0.2276, 0.3394



3.1058, 0.2272, 0.3379

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.5201, 0.3603, 0.3270



58.9238, 0.3723, 0.3266



68.0796, 0.3557, 0.3567



15.7677, 0.3288, 0.3282



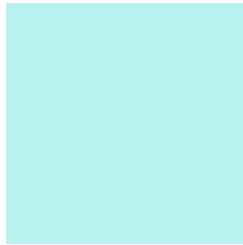
10.1550, 0.6364, 0.3279



0.8479, 0.6268, 0.3226

Previews

White Background



This preview shows how the Yxy color 79.3329, 0.2788, 0.3311 looks on a white background.

Color Contrast Check

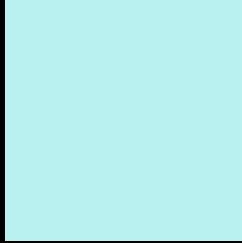
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 79.3329, 0.2788, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

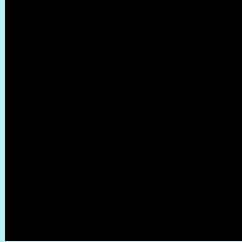
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3329, 0.2788, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 79.3329, 0.2788, 0.3311.

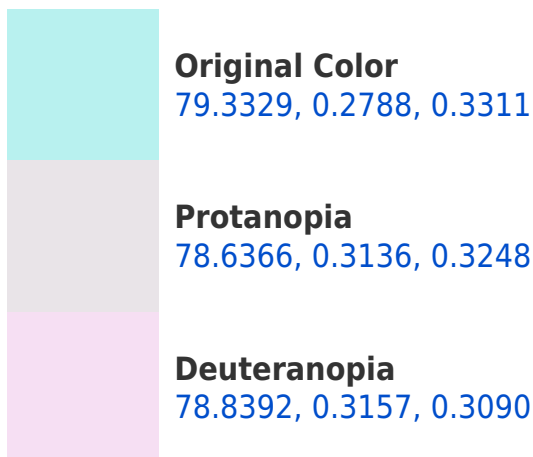


This preview shows how white text looks on a background with the Yxy color 79.3329, 0.2788, 0.3311.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

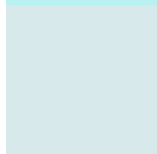
78.9948, 0.2745, 0.3095

Trichromacy



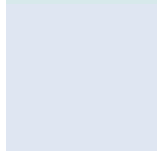
Original Color

79.3329, 0.2788, 0.3311



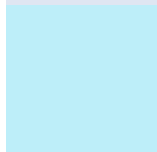
Protanomaly

78.7231, 0.2996, 0.3268



Deuteranomaly

78.6924, 0.3006, 0.3164



Tritanomaly

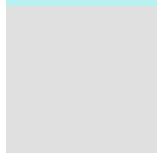
78.8074, 0.2761, 0.3169

Monochromacy



Original Color

79.3329, 0.2788, 0.3311



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

75.8061, 0.2993, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3329, 0.2788, 0.3311 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(184, 241, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 241, 239) }
```

Border

The CSS property to change the border of an element to Yxy 79.3329, 0.2788, 0.3311 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 241, 239) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(184, 241, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(184, 241, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(184, 241,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3329, 0.2788, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 241, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
241, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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